

09/661,876

DEC 18 2008

a first proxy server in one or a plurality of user computers of a local area network with access to the world wide web, each of said first proxy server having a friendly outbound list and/or an unfriendly outbound list only one of which is active at any given time, the friendly outbound list and the unfriendly outbound list being uniquely configurable for each user account,

said first proxy server programmed to receive a request from an HTTP client, check the identity of a requested URL against the friendly outbound list or unfriendly outbound list maintained by the administrative module and then either approve the request, terminate the request or re-route the request,

a second proxy server without the administrative module or the friendly or the unfriendly lists placed between the first proxy server and the Internet, the second proxy server being capable of communicating to a proxy of a destination or directly to a destination, said second proxy server having an Internet Protocol address configurable only by a holder of the administrator account or a regular account with administrative privileges,

the first proxy server programmed to forward the request to the second proxy server if and when said first proxy server approves the request,

the first proxy server and the second proxy server have a network communication link between them.

42. (withdrawn) The system of claim 41, said administrative module being capable of also creating a fourth type of user account namely one anonymous guest user account to be used by general users without authentication credentials.

43. (withdrawn) The system of claim 41, wherein the range of access levels ranges from allowing all access to allowing no access at all.

44. (withdrawn) The system of claim 41, wherein the system is compatible with dialup modem connection to the Internet, the system is compatible with a local area network and the system is compatible with virtual network connection

45. (withdrawn) The system of claim 44, wherein the range of access levels ranges from allowing all access to allowing no access at all.

46. (withdrawn) A versatile customizable combination system for providing filtering of outbound requests for access to web sites on the Internet, comprising:  
a plurality of computer users,  
one or a plurality of user computers, each having a dynamically allocated Internet protocol address or a static Internet Protocol address,  
an administrative module/interface that includes configuration settings for outbound communications, has list maintenance functions including list editing, list deleting, searching of lists, saving of lists, adding and deleting users, interchanging lists and importing and exporting lists,  
said administrative module located in a user computer for configuring a range of access levels and being capable of creating three types of user accounts that require unique authentication credentials for each user account including an administrator

account that is self-configuring, regular accounts with administrative privileges other than the privilege to create additional accounts or view information on any other accounts and regular accounts without administrative privileges,

a first proxy server in one or a plurality of user computers of a local area network with access to the world wide web, each of said first proxy server having a friendly outbound list and/or an unfriendly outbound list only one of which is active at any given time, the friendly outbound list and the unfriendly outbound list being uniquely configurable for each user account, and

said first proxy server programmed to receive a request from an HTTP client, check the identity of a requested URL against the friendly outbound or unfriendly outbound list maintained by the administrative module and then either approve the request, terminate the request or re-route the request without the knowledge of the user.

47. (withdrawn) The system of claim 46, said administrative module being capable of also creating a fourth type of user account namely one anonymous guest user account to be used by general users without authentication credentials.

48. (withdrawn) The system of claim 46, wherein the range of access levels ranges from allowing all access to allowing no access at all.

49. (withdrawn) The system of claim 46, wherein the system is compatible with dialup modem connection to the Internet, the system is compatible with a local area network and the system is compatible with virtual network connection.

09/661,876

50. (withdrawn) The system of claim 49, wherein the range of access levels ranges from allowing all access to allowing no access at all.

51. (previously presented) The system of claim 1, wherein said first proxy server is also programmed to register the request in a logfile of all web sites requested by a user.

52. (previously presented) The system of claim 5, wherein said first proxy server is also programmed to register the request in a logfile of all web sites requested by a user.

53. (withdrawn) The system of claim 7, wherein said first proxy server is also programmed to register the request in a logfile of all web sites requested by a user.

54. (withdrawn) The system of claim 11, wherein said first proxy server is also programmed to register the request in a logfile of all web sites requested by a user.

55. (previously presented) The system of claim 61, wherein said first proxy server is also programmed to register the request in a logfile of all web sites requested by a user.

56. (previously presented) The system of claim 71, wherein said first proxy server is also programmed to register the request in a logfile of all web sites requested by a user.

57. (withdrawn) The system of claim 41, wherein said first proxy server is also

09/661,876

programmed to register the request in a logfile of all web sites requested by a user.

58. (withdrawn) The system of claim 46, wherein said first proxy server is also programmed to register the request in a logfile of all web sites requested by a user.

59. (previously presented) The system of claim 9, wherein the first proxy server is programmed to check the identity of a user who logs into the first proxy server and who presents a unique authentication credential prior to checking the identity of the requesting client and/or requested URL against the list or lists.

60. (previously presented) The system of claim 59, wherein the first proxy server is programmed, upon a successful authentication of the user's credential, to use a configuration of the user's account to check the identity of the requesting client and/or requested URL against the list or lists.

61. (previously presented) The system of claim 59, wherein the first proxy server is programmed that if said first proxy server fails to authenticate the user, then the first proxy server offers that user an opportunity to log in as an anonymous guest user.

62. (previously presented) The system of claim 1, wherein a third proxy server and/or additional proxy servers forward the outbound requests for access to web sites to other proxy servers other than the first and second proxy servers.

63. (previously presented) The system of claim 10, wherein inbound communications are arranged so that an actual location of an important resource is located in an unpublished location that is a replacement location to which requests rejected by the first proxy server are rerouted, wherein clients of approved users are listed in the first proxy server in the unfriendly inbound list and are sent by the first proxy server to the replacement location, and wherein clients of unapproved users are not listed in the unfriendly inbound list and have their request sent to a published address that contains unimportant information

64. (previously presented) The system of claim 63, wherein a third proxy server and/or additional proxy servers forward inbound requests for resources to other proxy servers other than the first and second proxy servers.

65. (previously presented) The system of claim 63, wherein a third proxy server and/or additional proxy servers forward the outbound requests for access to web sites to proxy servers other than the first and second proxy servers.

66. (previously presented) The system of claim 5, wherein a third proxy server and/or additional proxy servers forward inbound requests for resources to proxy servers other than the first and second proxy servers.

67. (previously presented) The system of claim 5, wherein a third proxy server and/or additional proxy servers forward the outbound requests for access to web sites to

09/661,876

proxy servers other than the first and second proxy servers.

68. (previously presented) The system of claim 63, wherein the first proxy server is programmed to check the identity of a user who logs into the first proxy server and who presents a unique authentication credential against a valid user account prior to checking the identity of the requesting client and/or requested URL against the list or lists.

69. (previously presented) The system of claim 68, wherein the first proxy server is programmed, upon a successful authentication of the user's credential, to use a configuration of the user's account to check the identity of the requesting client and/or requested URL against the list or lists.

70. (previously presented) The system of claim 68, wherein said administrative module being capable of also creating a fourth type of user account namely one anonymous guest user account to be used by general users without authentication credentials and wherein the first proxy server is programmed that if said first proxy server fails to authenticate the user then the first proxy server offers that user an opportunity to log in as an anonymous guest user.

71. (previously presented) The system of claim 10, wherein inbound communications are arranged so that an actual location of an important resource is located in an unpublished location that is a replacement location to which requests

09/661,876

rejected by the first proxy server are rerouted, wherein clients of approved users are not listed in the first proxy server in the friendly inbound list and are sent by the first proxy server to the replacement location, and wherein clients of unapproved users are listed in the friendly inbound list and have their request sent to a published address that contains unimportant information.

72. (previously presented) The system of claim 71, wherein a third proxy server and/or additional proxy servers forward inbound requests for resources to proxy servers other than the first and second proxy servers.

73. (previously presented) The system of claim 71, wherein a third proxy server and/or additional proxy servers forward the outbound requests for access to web sites to proxy servers other than the first and second proxy servers.

74. (previously presented) The system of claim 71, wherein the first proxy server is programmed to check the identity of a user who logs into the first proxy server and who presents a unique authentication credential against a valid user account prior to checking the identity of the requesting client and/or requested URL against the list or lists.

75. (previously presented) The system of claim 74, wherein the first proxy server is programmed, upon a successful authentication of the user's credential, to use a configuration of the user's account to check the identity of the requesting client and/or

requested URL against the list or lists.

76. (previously presented) The system of claim 74, wherein the first proxy server is programmed that if said first proxy server fails to authenticate the user, then the first proxy server offers that user an opportunity to log in as an anonymous guest user.

77. (previously presented) The system of claim 10, wherein the first proxy server is programmed to check the identity of a user who logs into the first proxy server and who presents a unique authentication credential against a valid user account prior to checking the identity of the requesting client and/or requested URL against the list or lists.

78. (previously presented) The system of claim 77, wherein the first proxy server is programmed, upon a successful authentication of the user's credential, to use a configuration of the user's account to check the identity of the requesting client and/or requested URL against the list or lists.

79. (previously presented) The system of claim 77, wherein the first proxy server is programmed that if said first proxy server fails to authenticate the user, then the first proxy server offers that user an opportunity to log in as an anonymous guest user.

80. (withdrawn) The system of claim 29, wherein inbound communications are arranged so that an actual location of an important resource is located in an unpublished

09/661,876

location that is a replacement location to which requests rejected by the first proxy server are rerouted, wherein clients of approved users are listed in the first proxy server in the unfriendly inbound list and are sent by the first proxy server to the replacement location, and wherein clients of unapproved users are not listed in the unfriendly inbound list and have their request sent to a published address that contains unimportant information

81. (withdrawn) The system of claim 80, wherein the first proxy server is programmed to check the identity of a user who logs into the first proxy server and who presents a unique authentication credential against a valid user account prior to checking the identity of the requesting client and/or requested URL against the list or lists.

82. (withdrawn) The system of claim 81, wherein the first proxy server is programmed, upon a successful authentication of the user's credential, to use a configuration of the user's account to check the identity of the requesting client and/or requested URL against the list or lists.

83. (withdrawn) The system of claim 81, wherein said administrative module being capable of also creating a fourth type of user account namely one anonymous guest user account to be used by general users without authentication credentials and wherein the first proxy server is programmed that if said first proxy server fails to authenticate the user, then the first proxy server offers that user an opportunity to log in as an anonymous guest user.

09/661,876

84. (withdrawn) The system of claim 29, wherein inbound communications are arranged so that an actual location of an important resource is located in an unpublished location that is a replacement location to which requests rejected by the first proxy server are rerouted, wherein clients of approved users are not listed in the first proxy server in the friendly inbound list and are sent by the first proxy server to the replacement location, and wherein clients of unapproved users are listed in the friendly inbound list and have their request sent to a published address that contains unimportant information.

85. (withdrawn) The system of claim 84, wherein the first proxy server is programmed to check the identity of a user who logs into the first proxy server and who presents a unique authentication credential against a valid user account prior to checking the identity of the requesting client and/or requested URL against the list or lists.

86. (withdrawn) The system of claim 85, wherein the first proxy server is programmed, upon a successful authentication of the user's credential, to use a configuration of the user's account to check the identity of the requesting client and/or requested URL against the list or lists.

87. (withdrawn) The system of claim 85, wherein the first proxy server is programmed that if said first proxy server fails to authenticate the user, then the first proxy server offers that user an opportunity to log in as an anonymous guest user.

88. (withdrawn) The system of claim 29, wherein the first proxy server is

programmed to check the identity of a user who logs into the first proxy server and who presents a unique authentication credential against a valid user account prior to checking the identity of the requesting client and/or requested URL against the list or lists.

89. (withdrawn) The system of claim 88, wherein the first proxy server is programmed, upon a successful authentication of the user's credential, to use a configuration of the user's account to check the identity of the requesting client and/or requested URL against the list or lists.

90. (withdrawn) The system of claim 88, wherein the first proxy server is programmed that if said first proxy server fails to authenticate the user, then the first proxy server offers that user an opportunity to log in as an anonymous guest user.

91. (withdrawn) The system of claim 30, wherein the first proxy server is programmed to check the identity of a user who logs into the first proxy server and who presents a unique authentication credential against a valid user account prior to checking the identity of the requesting client and/or requested URL against the list or lists.

92. (withdrawn) The system of claim 91, wherein the first proxy server is programmed, upon a successful authentication of the user's credential, to use a configuration of the user's account to check the identity of the requesting client and/or requested URL against the list or lists.